

Lesson Overview



Before training a model, we first need to handle **data preparation**, so we'll explore this topic first. More specifically, we will go over:

- Data importing and transformation
- The data management process, including:
 - The use of *datastores* and *datasets*
 - Versioning
 - Feature engineering
 - How to monitor for *data drift*

Next, we will introduce the basics of **model training**. We'll cover:

- The core model training process
- Two of the fundamental machine learning models: *Classifier* and *regressor*
- The model evaluation process and relevant metrics

And finally, we'll conclude with an introduction to **ensemble learning** and **automated machine learning**, two core techniques used to make decisions based on multiple—rather than single—trained models.

